

*A1*  
*can*  
immediately adjacent flexible partitions enclose a volume thereby forming a buffer cell, said volume of said buffer cell being immediately adjacent to said core element and configured to rotate in a predetermined direction when a radial crushing force is applied to the exterior jacket surface.

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14. (Amended) A fiber optic cable comprising:

a jacket having an interior jacket surface and an exterior jacket surface;

a core element centrally disposed within the jacket; and

*A2*  
a plurality of flexible partitions, wherein each flexible partition extends from said core element to said interior surface of said jacket at an angle with respect to a radial line extending from said core element, and

wherein immediately adjacent flexible partitions enclose a volume thereby forming a buffer cell, said buffer cell volume being immediately adjacent to said core element and configured to rotate in a predetermined direction when a radial crushing force is applied to the exterior jacket surface.

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**Please add the following new claims:**

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27. A fiber optic cable comprising:

*A3*  
a jacket having an interior jacket surface and an exterior jacket surface;

a core element centrally disposed within the jacket; and

a plurality of flexible partitions extending from said core element to said interior surface of said jacket thereby forming at least one buffer cell,

at least one optic fiber ; and

wherein said flexible partitions are configured to rotate in a predetermined direction when a radial crushing force is applied to the exterior jacket surface.

28. A fiber optic cable comprising:

a jacket having an interior jacket surface and an exterior jacket surface;

a core element centrally disposed within the jacket; and

a plurality of partitions extending from said core element to said interior surface of said jacket, said partition having an interior surface and an exterior surface skewed in a substantially parallel direction,

wherein a buffer cell is formed by said partitions having opposing interior and exterior surfaces, wherein said opposite surfaces are skewed in the same direction.

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